IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 10/773584

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of: Yoshiaki KAWAI Inventor(s) SYNCHRONIZATION SIGNAL GENERATOR AND IMAGE FORMING APPARATUS Title of Invention APPLICATION ELEMENTS ENCLOSED: 1. X Specification, total pages 103 including: 34 pages of claims (37 claims) 1 page(s) Abstract 14 sheets of ____ informal __X formal drawings (Figs. 1-14) Oath or declaration of Applicant(s) (total pages) ⟨a. Newly executed (original) Unexecuted b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Item 14 completed) Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Incorporation By Reference 5.____ The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. Microfiche Computer Program (Appendix) APPLICATION PARTS ENCLOSED: An assignment (cover sheet & document(s)) 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney Newly executed (original) a.

Unexecuted

Copy from a prior application

\$1,850.00

Priority under 35 U.S.C. §119. X	· 1	0. X Infor	mation Discl	osure	Statement	(IDS)	/PTO-1449					
12. X Return Receipt Postcard (MPEP 503) 13. Applicant(s) hereby establish small entity status under 37 C.F.R. §1.9 and §1.27 14. If a Continuing Application, check the appropriate box and supply the requisite information: Continuation of prior application No.: filed Divisional of prior application No.: filed Continuation-in-part (CIP) of prior application No.: filed 15. Amend the specification by inserting before the first line of page one: This is a continuation divisional of application Serial No. filed 16. X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119. X A certified copy of priority application No. 2003-030109 is enclosed herewith. A certified copy of priority application No. 1003-030109 is enclosed herewith. A certified copy of priority application No. 1003-030109 is enclosed herewith. S.N. filed 17. Other (identify) The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT Rate Fee Number Filed Extra* Small Other Small Entity Entity Entity Entity Claims 13 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Indep 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes No X \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00												
13 Applicant(s) hereby establish small entity status under 37 C.F.R. §1.9 and §1.27 14 If a Continuing Application, check the appropriate box and supply the requisite information: Continuation of prior application No.: filed Continuation-in-part (CIP) of prior application No.: filed 15 Amend the specification by inserting before the first line of page one:This is a continuation divisional of application Serial No filed 16. X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119. X A certified copy of priority application No. 2003-030109 is enclosed herewith. A certified copy of priority application No has been filed in prior application S.N filed 17 Other (identify) The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT Rate	11 A Preliminary Amendment											
If a Continuing Application, check the appropriate box and supply the requisite information: Continuation of prior application No.:	1	12. X Return Receipt Postcard (MPEP 503)										
Continuation of prior application No.:	1											
Continuation of prior application No.:	.1											
Divisional of prior application No.:												
Continuation-in-part (CIP) of prior application No.: filed		Co	ontinuation o	f prior	application	No.:	·	filed		· 		
Amend the specification by inserting before the first line of page one:This is a continuation divisional of application Serial No filed 16. X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119. X A certified copy of priority application No. 2003-030109 is enclosed herewith. A certified copy of priority application No has been filed in prior application S.N filed 17 Other (identify) The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT Rate Fee Number Small Other Extra* Rate Fee Number Entity Entity Entity Entity Entity Total 37 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes No _ X \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00		D	ivisional of p	orior a	oplication N	o.:	fi	led				
Amend the specification by inserting before the first line of page one:This is a continuation divisional of application Serial No filed 16. X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119. X A certified copy of priority application No. 2003-030109 is enclosed herewith. A certified copy of priority application No has been filed in prior application S.N filed 17 Other (identify) The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT Rate Fee Number Small Other Extra* Rate Fee Number Entity Entity Entity Entity Entity Total 37 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes No _ X \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00	•										•	
divisional of application Serial Nofiled 16X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119.		C	continuation-	in-parl	t (CIP) of pr	ior ap	oplication No	.:	1	filed	·	
divisional of application Serial Nofiled 16X Priority of application No. 2003-030109 filed in Japan on February 6, 2003. Applicant hereby claims priority under 35 U.S.C. §119.		 · -	•									
16X	-	15 Amend the specification by inserting before the first line of page one:This is a continuation										
Priority under 35 U.S.C. §119. X		divisional of application Serial No filed										
X A certified copy of priority application No. 2003-030109 is enclosed herewith. A certified copy of priority application No has been filed in prior application S.N filed		16. X Priority of application No. 2003-030109 filed in <u>Japan</u> on <u>February 6, 2003</u> . Applicant hereby claims										
A certified copy of priority application No has been filed in prior application S.N filed		priority under 35 U.S.C. §119.										
S.N.		X A certified copy of priority application No. 2003-030109 is enclosed herewith.										
The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT		A certified copy of priority application No has been filed in prior application										
The filing fee is calculated as follows: CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT												
CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT Rate Fee Number Filed Number Extra* Small Entity Other Entity Small Entity Other Entity Total Claims 37 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Indep. Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes NoX \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00		·										
Rate Fee		The	filing fee is o	calcula	ated as follo	ws:						
Number Filed Number Extra* Small Entity Other Entity Small Entity Other Entity Total Claims 37 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Indep. Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes NoX_ \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00			CLAIN	IS AS	FILED, LE	SS A	NY CLAIMS	CANCELL	ED E	BY AMENDME	NT	
Filed Extra* Entity Entity Entity Entity Total Claims 37 - 20 = 17 X \$9 \$18 = \$0 \$306.00 Indep. Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes NoX \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00			-				Rate			Fee		
Claims 12 - 3 = 9 X \$43 \$86 = \$0 \$774.00 Multiple Dependent Claims Presented: Yes NoX \$145 \$290 = \$0 \$0 If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00			l					!				
Claims Multiple Dependent Claims Presented: Yes NoX If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00			37 - 20	=	17	х	\$9	\$18	=	\$0	\$306.00	
Claims Presented: Yes NoX If the difference in column 1 is less than zero, Basic Fee \$385.00 \$770.00			12 - 3	=	9	×	\$43	\$86	=	\$0	\$774.00	
	Claims Presented: Yes No_X_			<u> </u>	\$145	\$290	=	\$0	\$0			
				ero,	Basic Fee			\$385.00	\$770.00			

Total Fee

18. <u>X</u>	A check	c in the amount of \$ <u>1,850.00</u> to cover the filing fee.
19	A check	c in the amount of <u>\$</u> for recordation of the Assignment.
20. <u>X</u>	The Co	mmissioner is hereby authorized to charge any additional fees which may be required in connection
	with the	following or credit any overpayment to Deposit Account No. <u>03-3125</u> .
	<u>X</u>	Filing fees under 37 C.F.R. §1.16.
	<u>X</u>	Patent application processing fees under 37 C.F.R. §1.17.
		The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37
		C.F.R. §1.311(b).
21. <u>X</u>	Three o	copies of this sheet are enclosed.
22. X	_Other (identify)
	•	·

CORRESPONDENCE ADDRESS:

Ivan S. Kavrukov, Esq.
Registration No. 25,161
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
United States of Americas

Tel.: (212) 278-0400 Fax: (212) 391-0525

Respectfully submitted,

February 6, 2004 Date

Paul Teng, Reg No. 40,837 Attorney for Applicant Cooper & Dunham LLP

1185 Avenue of the Americas New York, New York 10036

Tel.: (212) 278-0400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Yoshiaki KAWAI

Serial No.

Not Yet Known

Date Filed

Herewith

For

SYNCHRONIZATION SIGNAL GENERATOR AND IMAGE

FORMING APPARATUS

Mail Stop Patent Application

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

EXPRESS MAIL LETTER OF TRANSMITTAL

Express Mail mailing label number: EV325707447US

Date of Deposit: February 6, 2004

I hereby certify that the above-identified application of Yoshiaki KAWAI, filed herewith, including Specification (103 pages), Claims (1-37, 34 pages), Abstract (1 page), 14 sheets of formal drawings (Figs. 1-14), Information Disclosure Statement (including Form PTO-1449 and copies of references), certified copy of Japanese Patent Application No. 2003-030109, application transmittal in triplicate, a check in the amount of \$1,850.00 for filing fee and a return stamped postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Mail Room Employee

Depositing Express Mail Material

Attorneys for Applicant:
IVAN S. KAVRUKOV, Reg. No. 25,161
PAUL TENG, Reg. No. 40,837
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036

Tel: (212) 278-0400